



CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

In re Application of: :
Stupp, et al. :
Serial No. 10/645,304 : Group Art Unit: 1646
Filed: August 21, 2003 : Examiner: not yet assigned
For: CHARGED PEPTIDE-AMPHIPHILE SOLUTIONS AND SELF
ASSEMBLED PEPTIDE NANOFIBER NETWORKS FORMED
THEREBY

I HEREBY CERTIFY THAT THIS PETITION TO REVIVE AND RESPONSE TO MISSING PARTS WITH THE DOCUMENTS CITED THEREIN IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE VIA REGULAR MAIL, POSTAGE PREPAID UNDER 37 C.F.R. § 1.10 ON DECEMBER 2, 2004 AND IS ADDRESSED TO THE MAIL STOP PETITION, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

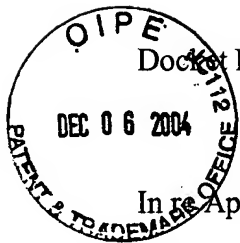
Kathleen Pujol

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

DOCUMENTS ENCLOSED:

1. Response to Missing Parts with copy of notice;
2. Declaration and Power of Attorney;
3. Replacement formal drawings (3 sets) (11 sheets each)
4. Petition to Accept Color Drawings;
5. Sequence Listing in paper and computer readable format;
6. Statement regarding Sequence Listing;
7. Fee Transmittal;
8. Check in the amount of \$1,554.00
9. Postcard; and
10. Certificate of Mailing.



Docket No. 126481.01001

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Application of:

Stupp, et al.

Serial No. 10/645,304

Group Art Unit: 1646

Filed: August 21, 2003

Examiner: not yet assigned

For: CHARGED PEPTIDE-AMPHIPHILE SOLUTIONS AND SELF
ASSEMBLED PEPTIDE NANOFIBER NETWORKS FORMED
THEREBY

**RESPONSE TO NOTICE TO FILE MISSING PARTS
OF NONPROVISIONAL APPLICATION**

Mail Stop MISSING PARTS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application
mailed November 8, 2004, submitted herewith are the following:

- Copy of Notice to File Missing Parts.
- Declaration signed by all inventors; and
- Check in the amount of \$759.00;
- Replacement Formal Drawings;
- Petition to Accept Color Formal Drawings;
- Petition Fee in the amount of \$130.00;
- Sequence Listing in paper format;
- Sequence Listing in Computer Readable Format (2 computer discs);
- Statement Regarding Sequence Listing;
- Petition to Revive; and
- Petition Fee in the amount of \$665.00.

Please charge any shortage in fees due in connection with the filing of these papers, including extension of time fees, to Deposit Account No. 05-0426, and please credit any excess fees to such deposit account.

Respectfully submitted,

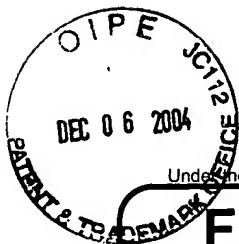
PEPPER HAMILTON LLP

A handwritten signature in cursive script that reads "Raymond A. Miller".

Raymond A. Miller

Registration No. 42,891

One Mellon Center, 50th Floor
500 Grant Street
Pittsburgh, PA 15219
Phone: (412) 454-5000
Fax: (412) 281-0717
Date: December 2, 2004



PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1554

Complete if Known

Application Number	10/645,304
Filing Date	August 21, 2003
First Named Inventor	Stupp
Examiner Name	not yet assigned
Art Unit	1646
Attorney Docket No.	126481.01001

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number
50-0436Deposit Account Name
Pepper Hamilton LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	385.00
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$ 385.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee from below		Fee Paid
Independent Claims	40	-20** =	20	X	9	180
Multiple Dependent Claims	6	-3** =	3	X	43	129

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 309.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	65.00
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	665.00
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	130.00
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 860.00

SUBMITTED BY

(Complete (if applicable))

Name (Print/Type)	Raymond A. Miller	Registration No. (Attorney/Agent)	42,891	Telephone	412.454.5000
Signature		Date	December 2, 2004		

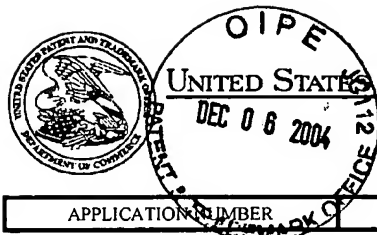
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

DOCKETED

DEC 22 2003



UNITED STATES PATENT AND TRADEMARK OFFICE

 UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/645,304	08/21/2003	Samuel I. Stupp	126481.1001

CONFIRMATION NO. 8011

 21269
 PEPPER HAMILTON LLP
 ONE MELLON CENTER, 50TH FLOOR
 500 GRANT STREET
 PITTSBURGH, PA 15219
FORMALITIES LETTER

OC000000011527734

Date Mailed: 12/18/2003

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

12/07/2004 HAHMED1 00000057 500436 10645304

03 FC:2051	65.00 OP
04 FC:2001	395.00 OP
05 FC:2201	132.00 OP
06 FC:2202	147.00 OP
33.00 DA	

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 385 to complete the basic filing fee for a small entity.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) 3,4A,5,7,8A,9A,10A,11.
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a

substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- **For Rules Interpretation, call (703) 308-4216**
- **To Purchase PatentIn Software, call (703) 306-2600**
- **For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov**

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$309** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

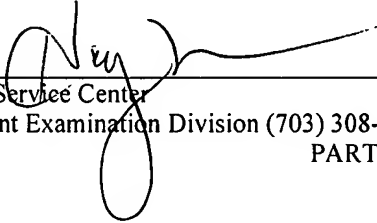
SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$759** for a Small Entity

- **\$385** Statutory basic filing fee.
- **\$65** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$309**
 - **\$129** for 3 independent claims over 3.
 - **\$180** for 20 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*


Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY